



11.4KW 400V Hybrid Solar Charger Inverter 200v Solar System For Home

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: Qiyuan
- Certification: CE, IEC
- Model Number: GC11K4-B400/230
- Minimum Order Quantity: 10
- Price: USD/CNY, Unit
- Packaging Details: wooden case
- Delivery Time: 1-2 months
- Payment Terms: L/C, T/T
- Supply Ability: 500 set per month



Product Specification

- Product Name: MPPT Hybrid Solar Inverter
- Type: Hybrid Solar Inverter
- Application: Solar Power System Home
- Input Voltage: 200-1000V DC
- Output Power: 1~12kW
- Output Voltage: 110V/220V/230V/240V
- Output Frequency: 50Hz/60Hz
- Output Waveform: Prue Sine Wave
- Output Current: 0~75A
- Output Type: Multiple
- Efficiency: >97%
- Protection: Overload Over-heat, over Temperature And Short Circuit, Overvoltage, overcharge
- Weight: 28kg
- Warranty: 5 Years

for more products please visit us on batteriesback-up.com

Product Description

Adopt advanced technology MPPT tracking;
 Temperature, overload, over voltage, over current, short circuit protection function;
 Support two-way DC soft start function;
 Support, overload, short circuit to restart function;
 Wide voltage input, 90 ~ 280 vac input;
 Automatic disconnection with charger when fully charged;
 Compatible with lithium battery and lead acid battery;
 Inverter with lithium battery integration design, reduce the difficulty of the installation,
 Supports connection with generator, with parallel function;

| Input (PV) | | | | |
|-------------------------------------|-----------------------------------|-------------|-------------|---------|
| Max. PV Input Power | 10KW | 11.7KW | 13KW | 14.82KW |
| Max. PV Input Voltage | 550V | | | |
| Start Voltage | 120V | | | |
| MPP Voltage Range | 125V~500V | | | |
| Rated MPPT Voltage Range | 360V | | | |
| Max. Input Current per MPPT | 12A | | | |
| No. of MPPT/String | 4/1 | | | |
| Output (AC) | | | | |
| Max. Output Current | 33A | 39.2A | 43.5A | 49.5A |
| Rated Power | 7.6kVA | 9kVA | 10kVA | 11.4kVA |
| Rated Voltage | 230V, L + N+PE | | | |
| Operating Voltage Range | 176V~270V | | | |
| Rated Frequency | 50Hz/60Hz | | | |
| Power Factor | 1 | | | |
| THDi | < 2% | | | |
| Output (EPS) | | | | |
| Rated Power | 7.6kVA | 9kVA | 10kVA | 11.4kVA |
| Rated Voltage | 230Vac | | | |
| Rated Current | 33A | 39.2A | 43.5A | 49.5A |
| Rated Frequency | 50Hz/60Hz | | | |
| Automatic Switching Time | <20ms | | | |
| Overload Capability | 120%, 60S / 150%, 1S | | | |
| THDU | <2% | | | |
| Battery | | | | |
| Battery Voltage Range | 85~400V | | | |
| Charge/Discharge Current | 80A/80A | 62.5A/62.5A | 69.5A/69.5A | 79A/79A |
| Battery type | Lithium | | | |
| Communication | CAN/RS485 | | | |
| Efficiency | | | | |
| Max. DC Efficiency | 98.2% | | | |
| European Efficiency | 97.2% | | | |
| MPPT Efficiency | 99.9% | | | |
| Battery Charge/Discharge Efficiency | 95.5% | | | |
| Communication | | | | |
| Display | LCD | | | |
| Communication | RS485/CAN/DRM, Optional: Wifi/LAN | | | |
| Standard | | | | |
| Certificates | CE | | | |
| General Data | | | | |
| Dimensions (W x H x D) | 530 x 565 x 220 mm | | | |
| Weight | 30kG | | | |
| Operation Temperature | -25°C~+60°C | | | |
| Colling Method | Forced air cooling | | | |
| Protection Level | IP65 | | | |
| Noise | <35dB | | | |
| Max. Operation Altitude | 5000M (derate above 2000M) | | | |
| Relative Humidity | 0~95% | | | |
| Power Consumption | <3W | | | |



Ningbo Qiyuan New Energy Co., Ltd



18858073356



tony@qygen.com



batteriesback-up.com